

## SnowEx Winter 1 - Other: NRL P-3 02/18/17 Science Report

**Aircraft:**

Other: NRL P-3

**Date:**

Saturday, February 18, 2017

**Mission:**

SnowEx Winter 1

**Mission Location:**

Petersen AFB, Colorado Springs, CO

**Mission Summary:**

Flew an abbreviated version of the full science flight over the Mesa. Successfully flew all the SnowSAR lines planned and also obtained CAR circles. The conditions were pretty cloudy, so IR Sensor Suite collected some data during the times when there were breaks in the clouds. Also had significant cross winds, which forced the aircraft to re-do some lines. Altitudes varied between 1300 ft AGL and 7600 ft AGL. Pilots were Cmdr Neall, Duration: 3.7 hours.

**Submitted by:**

Eugenia De Marco on 02/24/17

**Related Flight Report:**

### Other: NRL P-3 02/18/17

**Payload Configuration:**

SnowEx - Winter 1 (2018)

**Nav Data Collected:**

No

**Total Flight Time:**

3.7 hours

**Submitted by:**

Eugenia De Marco on 04/13/17

**Flight Segments:**

<b>From:</b>	Petersen AFB, CO	<b>To:</b>	Petersen AFB, CO
<b>Start:</b>	02/18/17 15:15 Z	<b>Finish:</b>	02/18/17 18:55 Z
<b>Flight Time:</b>	3.7 hours		
<b>Log Number:</b>	<a href="#">17M034</a>	<b>PI:</b>	Edward Kim
<b>Funding Source:</b>	Jared Entin - NASA - SMD - ESD Hydrology Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	<b>17M034</b>
<b>Flight Hours Approved in SOFRS</b>	48
<b>Total Used</b>	32.5
<b>Total Remaining</b>	15.5

**17M034 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">02/16/17</a>		Transit	5.7	5.7	42.3
<a href="#">02/16/17 - 02/17/17</a>		Science	4.4	10.1	37.9
<a href="#">02/18/17</a>		Science	3.7	13.8	34.2
<a href="#">02/20/17</a>		Science	4	17.8	30.2
<a href="#">02/21/17</a>		Science	5.8	23.6	24.4
<a href="#">02/22/17</a>		Science	5	28.6	19.4
<a href="#">03/04/17 - 03/05/17</a>		Ferry	3.9	32.5	15.5

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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